

Sound, vibration, frequencies. From ancient times and myths, right down to our the latest discoveries in physics of our modern era, one eternal and omnipresent truth seems to emerge everywhere: that all that is has been generated through sound. Our solid world is but vibration.

This was understood ever since Greek times, if not before, but has never been so eloquently put and understood than by the great genius of Nikola Tesla in his poignant verse: “If you want to find the secrets of the universe, think in terms of energy, frequency, and vibration.” With this simple understanding, he set up to revolutionize in only a few decades the way we harnessed and used energy. An understanding of such magnitude that lead his discoveries to be censored and his research to remain mostly classified to this day.

Artist Katrin Fridriks, once becoming fascinated by the Slovenian genius and by his work and life, ultimately got inspired by his idea of infinite clean and free energy for all and by the fine thread connecting space and time, that spans from Tesla’s to ancient monuments spread out all over the globe, to the constellations that surround our night’s sky. As the spectator moves through the space he enters a different dimension: the gallery, through beam of light, forms and shapes evoking the entrances of temples: the contemplation of the paintings therein, of their different perspectives, angles, lights, becomes a journey. A journey into the mystery of consciousness. An initiation of the Soul.

In her signature style and technique, the artist transforms in nano-seconds her movements into the creation of her energy-loaded, complex paintings. Like a Japanese shodō master, as noted by the late Pierre Restany, she is able to synthesize her artistic vision through a language made out of paint that is both gesture and word. A grammar made of colors, a syntax made of layers. Her colors, like everything else, can be expressed through a frequency. The extremes of this frequency range are identified by our visual senses by the colors black and white, the main protagonists of this exhibition. But in between these two colors, there’s an area were - just like in life - few people dare go. That color is grey. The grey area is all that is unseen, unsaid, unspoken off.

It is what is there for everyone to see, and yet remains obscure.

“We have art in order not to die of the truth.”
Friedrich Nietzsche

NIKOLA TESLA

Nikola Tesla is perhaps the greatest genius we ever had, and yet his accomplishments are barely known to the general public. His patents were seized by the FBI, his inventions remain largely/for the most part classified to this day. If there ever was a man that perfectly represents a gray area - an area where science and magic meet - that man is Nikola Tesla.

Inventor, electrical engineer and futurist, he is best known for his contributions to the design of our modern alternating current electricity supply system. Our modern technologically sophisticated world is mostly due this single individual: a man who singlehandedly changed and shaped our world and that, amongst other things, produced the first motor that ran on AC current, developed the underlying technology for wireless communication over long distances, held approximately 300 patents and claimed to have developed a “super-weapon” that would end all wars. He possessed a photographic memory, which helped him memorise whole books and speak eight languages. He also claimed that many of his best ideas came to him in a flash, and that he saw detailed pictures of many of his inventions in his mind before he ever set about constructing prototypes. As a result, he didn't initially prepare drawings and plans for many of his devices.

Although popular with women, he never married. In fact it is said he never touched a woman, claiming that his celibacy played an important role in his creativity. He feared germs and practiced very strict hygiene. He also exhibited unusual phobias, such as an aversion to pearls, which led him to refuse to speak to any woman wearing them.

“My brain is only a receiver, in the Universe there is a core from which we obtain knowledge, strength and inspiration. I have not penetrated into the secrets of this core, but I know that it exists. I am part of a light, and it is the music.”

Nikola Tesla

Despite claiming that his greatest ideas came to him in solitude, he was by no means antisocial. He notoriously socialised with many of the most famous people of his day at elegant dinners and parties he hosted. Mark Twain, a friend of his, often went to his laboratory and promoted some of his inventions. Tesla enjoyed a reputation as not only a great engineer and inventor but also a philosopher, poet and connoisseur.

On his 75th birthday he received a congratulatory letter from Einstein and was featured on the cover of Time magazine.

Tesla was born in Serbia on July 10th, 1856 during a lightning storm, an event which led the midwife to say, "He will be a child of the storm". His mother counter-said prophetically, "No, he will be one of the light." An incredibly gifted student, he was accused by his teachers of cheating. Having fallen seriously ill, he recovered only once his father abandoned his demand that Nikola become a priest, agreeing he could attend engineering school instead.

Tesla had to withdraw from polytechnic school despite his excellent grades and ended up working for the Continental Edison Company. He then migrated to the U.S. in 1884, wishing to meet Edison himself and was offered the sum of US\$50,000 should he be able to solve a series of engineering problems that Edison's company was facing. He succeeded, only to be told by Edison later that the offer had just been a joke. He left the company after six months. Disappointed by Edison and determined to create his own company, Tesla founded Tesla Electric

NIKOLA TESLA tric Light with two businessmen who then took the company's intellectual property and founded another firm, leaving once again Tesla with nothing.

But Tesla was not one to give up easily.

In 1887, he founded Tesla Electric Company. He set up his laboratory in Manhattan, where he developed the alternating current induction motor and once Tesla demonstrated his device at an engineering meeting, the Westinghouse Company made arrangements to license the technology, providing an upfront payment and royalties on each horsepower generated. It was 1880: the "War of the Currents" had begun. Thomas Edison promoted direct current, asserting that it was safer than AC but George Westinghouse backed AC, since it could transmit power over long distances. Westinghouse was lacking capital though and once he explained the situation to Tesla, he sold his patents to him for a single lump sum, forgoing to what would have been a vast fortune had he kept them for himself.

Soon after he turned his attention to the wireless transmission of electric power. He believed that his system could not only distribute electricity around the globe but also provide for worldwide wireless communication. Wi-fi had been invented - and forgotten. Seeking to test his ideas, Tesla built a laboratory in Colorado Springs and supplied the whole city with free electricity and in 1901 persuaded the wealthy banker J.P. Morgan to invest in the construction of a tower on Long Island that he believed would vindicate his plan to electrify the world

for free. Yet Tesla's dream would never come true: either worried about the prospect of free energy for all and consequent loss of profit from his business, or afraid about the weaponising potential of Tesla's inventions, once Morgan understood what the scientist was building he withdrew funding.

In 1909, Marconi received the Nobel Prize for the development of radio, Tesla sued Marconi, claiming infringement on his patents famously stating: "Marconi is a good fellow. Let him continue. He is using seventeen of my patents."

That same year, it was being rumoured that Edison and Tesla would share the Nobel Prize, but it didn't happen. Speculation was their mutual animosity was the cause.

Despite his many awards and Nobel rumours, in the popular imagination, Tesla always played the part of a mad scientist. He claimed that he had developed a motor that ran on cosmic rays; that he was working on a new non-Einsteinian physics that would supply a new form of energy; that he had discovered a new technique for photographing thoughts; and that he had developed a new ray, alternately labeled the death ray and the peace ray, with vastly

greater military potential than Nobel's munitions. Having lost all his money, his funding cut by Morgan and his laboratory destroyed and patents stipend by the FBI under Edison's suggestions, Tesla spent his later years in poverty, always living alone and moving from place to place. He frequented the local park, where he was regularly seen feeding and tending to the pigeons, with which he claimed to share a special affinity.

On the morning of Jan. 7, 1943,

NIKOLA TESLA

he was found dead in his room by a hotel maid at age 86.

The greatest genius the world had ever seen, died alone with nothing.

But today Tesla's name is long but forgotten. The airport in Belgrade bears his name, as does the world's most innovative and successful electric car company.

Tesla was the real-life Prometheus: the mythical Greek titan who raided heaven and enraged the all powerful Gods to bring fire to mankind.

Tesla had a dream of free energy for all, and an idea that led him to die penniless and alone, but his prophecy eventually came true:

"The present is theirs; the future, for which I really worked, is mine."

"If you want to find the secrets of the universe, think in terms of energy, frequency and vibration"
Nikola Tesla

A SELECTION OF INVENTIONS BY TESLA

- Dynamo Electric Machine
- Thermo Magnetic Motor
- Pyromagneto Electric Generator
- Alternating Current
- Electrical Meter
- Tesla Coil
- Remote Controls
- Teleforce
- Violet Ray
- Tesla Valve
- Neon lamp
- Tesla Turbine
- Wireless Telegraphy
- Magnifying transmitter
- Shadowgraphs
- Radio
- Induction motor
- Teleautomaton
- Ozone Apparatus
- Earthquake machine
- Thought camera
- Death Beam
- Rotating Magnetic Field
- Electric-Arc Lamp
- Alternating Motor
- Armature for Electric Machines
- Electrical Meter
- Electrical Igniter For Gas-Engines
- Art of Transmitting Electrical Energy Through the Natural Mediums
- Fluid Propulsion
- Lightning-Protector
- Speed-Indicator
- Ship remote control
- Radar
- Control of atmospheric conditions
- Super-conductivity
- Lighting rod
- Laser
- Typewriter activated by human voice
- Pocket oscillator
- Electro-Magnetic Motor
- Electric-Railway System
- Improved Steam-Engine
- Supersonic Aerial Transportation
- Automated Ship's Log
- Improved Fountains
- Method of Signaling
- Photoelectric stepping alternating current motors.
- Incandescent Electric Light

GÖBEKLI TEPE

37°13'23"N 38°55'21"E

CYGNUS CONSTELLATION

Göbekli Tepe is an archaeological site in the Southeastern Anatolia Region of Turkey. The complex places itself in a time period that is generally considered to be pre-civilisation, around the same time that the last ice age ended. 6.500 years older than Stonehenge and built 7.000 years before the Pyramids this megalithic complex predates the era of Sumer, considered one of the earliest true civilisations, and the invention of writing, by an astonishing 6,000 year margin and was flourishing an astonishing 12,000 – 14,000 years ago. Whoever built this impressive complex, must have possessed a high degree of sophistication and megalithic engineering skill and went on to be an active civilization for nearly three millennia before being abandoned under mysterious circumstances around 9,000 years ago when the temple sites were backfilled before being abandoned. The skilled architectural style seen in the construction of its many “temples” is impressive even by today’s standards and the craftsmanship seen at Göbekli Tepe is thousands of years ahead of its time, and dates back to long before such construction should have been possible: at the center of the construction of the various temples in Göbekli Tepe are a series of massive pillars topped with heavy stone blocks. The pillars themselves weigh tens of tons, with estimates ranging between 20 and 60 tons - which would have made even bringing them to the central location an almost impossible task. That’s to say nothing of placing large stone blocks on top of them. The blocks themselves weigh up to ten tons, leaving archaeologists scratching their heads as to exactly how the ancient engineers building Göbekli Tepe got the job done. The manpower, engineering, and project managing required for such an endeavour all seem unfeasible, given where human civilisation was understood to be at the time. The very existence of Göbekli Tepe has forced archaeologists to re-think the dawn of civilisation also for another reason: their advanced astronomical knowledge engraved and encoded in the pillars, and their alignment with the Cygnus Constellation making this the first of many ancient monuments that, for mysterious reason, have been aligned to various constellations through time.

“In the beginning was the Word,
and the Word was with God, and the Word was God.”
John, 1:1

The Great Pyramid is the oldest and largest of the three pyramids on the Giza plateau in Egypt and is the only one of the Seven Wonders of the Ancient World still standing.

Stonehenge is a prehistoric monument in England. It consists of a ring of standing stones, known as sarsens, which are up to 9 meters tall and weigh 25 tons on average. It is widely believed that they were brought from a distance of 25 miles while smaller stones weigh up to 4 tons and come from several different sites and have been transported as far as 140 miles. It's unknown how people in antiquity moved them that far and lifted them so high, as is the biggest mystery of all surrounding this complex: who built Stonehenge and why?

According to the 12th-century writer Geoffrey of Monmouth, Stonehenge is the handiwork of the wizard Merlin. In the midfifth century, the story goes, hundreds of British nobles were slaughtered by the Saxons and buried on Salisbury Plain and Merlin used his sorcery to spirit them across the sea and arrange them above the mass grave. Legend has it that Ambrosias and his brother Uther, King Arthur's father, are buried there as well. In the 17th century, archaeologist John Aubrey made the claim that Stonehenge was the work of the Celtic high priests known as the Druids and even today, people who identify as modern Druids continue to gather at Stonehenge for the summer solstice, connecting this monument once again to celestial events, for as many other monuments for ancient antiquity, Stonehenge too is connected to the sky. In the 1960s, astronomers Gerald Hawkins and Edmund Halley discovered that the cluster of megalithic stones operated as an astronomical calendar, that the site is aligned in the direction of the sunrise of the summer solstice and the sunset of the winter solstice, when the sun's first rays shone into the centre of the monument between the horseshoe arrangement.

In 1963 Nature published an analysis carried out using the Harvard-Smithsonian IBM computer and dozens of celestial alignments were found to the point where it was proposed that the monument was a 'Neolithic computer'.

It was built with an estimated 2,300,000 stone blocks, some weighing as much as 70 tons, and covers an area of 13.6 acres. With its width mere 3/60th of a degree of error it is the most accurately aligned structure in existence facing true north and aligned precisely with Orion's Belt Constellation.

Despite common understanding, their making is an absolute mystery as it has long been dismissed that such incredible achievements could have been performed by slaves, through ramps in only 20 years. Papyrus tell us that Pharaoh Khufu did not build it but merely took it out of the sand that covered them. In those legends we learn that the Great Pyramid was built by the Neteru during the fabled First Time when gods ruled on Earth.

In these ancient stories we learn that Jedaiah priests used 'The Power of the Word' to build it, implying once again that sound and vibration to be involved in the construction of these magnificent structures which, even today, would prove very hard with our modern technology. Some experts even say, impossible.

“Om! This syllable is this whole world. In the beginning was Brahman with whom was the Word, and the Word is Brahman. He who knows that syllable, whatever he desires, is his.”
Upanishad

“Aboriginal Creation myths tell of the legendary totemic being who wandered over the continent in the Dreamtime, singing out the name of everything that crossed their path and so singing the world into existence.”
Bruce Chatwin

Angkor Wat is a temple complex in Cambodia and its 72 temples make it the largest religious monuments in the world. The site measures and astonishing 162.6 hectares and was originally constructed as a Hindu temple dedicated to the god Vishnu. Its 65 meters tall central tower recreates the image of Mount Meru, a legendary place in Hindu mythology that is said to lie beyond the Himalayas and be the home of the gods.

Like the other ancient sites, Angkor Wat has more to it than initially meets the eye. There are 108 surrounding towers. The number 108, considered sacred in both Hindu and Buddhist cosmologies, is the sum of 72 plus 36 (36 being half of 72).

The number 72 is a primary number in the sequence of numbers linked to the earth's axial precession of the equinoxes, which causes the apparent alteration in the position of the constellations over the period of 25,920 years - or one degree every 72 years.

Another mysterious fact about the Angkor complex is its location: it is located precisely 72 degrees of longitude east of the Pyramids of Giza. The temples of Bakong, Prah Ko and Prei Monli at Roluos, south of the main Angkor complex, are situated in relation to each other in such a way that they mirror the three stars in the Corona Borealis as they appeared at dawn on the spring equinox in 10,500 BC. It is interesting to note that the Corona Borealis would not have been visible from these temples during the 10th and 11th centuries when they were constructed.

The 72 temples form a pattern that exactly mirrors the Draco Constellation, but - as for the Pyramids - this exact alignment only happened in the night skies of 10,500 years ago.

Despite the towering reputation of Egypt's Great Pyramids at Giza, the Americas actually contain more pyramid structures than the rest of the planet combined. The best known Latin American pyramids is the Castillo at Chichén Itzá in the Yucatan.

Built by the Olmecs, the first major Mesoamerican civilization, it dates to between 1000 B.C. and 400 B.C. Also known as Kukulcan, this pyramid is the biggest and most important in Chichen Itza, the more dramatic equinox-inspired site is Mexico's. The most prominent of Chichén Itzá's temples and arcades is the Temple of Kukulcan, which is named for a Mayan serpent god. Each of its four sides has 91 very steep steps, and the top platform forms the 365th step. As the Earth orbits annually around the sun, its axis changes direction. This axial shift creates four events that divide the year into 91-day-long quarters: the winter solstice: the shortest day of the year; the vernal (or spring) equinox: when night and day are of equal length; the summer solstice: the longest day of the year; the autumnal equinox: when night and day are again of equal length. Once again, celestial events are encoded in these mysterious and gigantic structures: the whole building is a gigantic calendar! The entire stepped pyramid is composed of nine larger steps, and twice a year, on the spring and autumnal equinoxes, the sun sets on just the right arc in the sky to cast a shadow of the pyramid's edge onto the railing of the northern staircase. That shadow creeps down the staircase's edge until it connects to a stone statue of a snake's head — the head of Kukulcan! — that sits at the bottom of the staircase with its fangs bared. When the shadow and the head connect, it looks like a huge diamondback snake is perched on the side of the temple. This phenomenon is also visible for a few weeks before and after the equinoxes, but it's most dramatic on the equinoxes.

NIKOLA TESLA	1856-1943	
GÖBEKLI TEPE	37°13'23"N 38°55'21"E	Π
PYRAMIDS OF GIZA	29°58'34"N 31°7'58"E	Δ
STONEHENGE	51°10'43.8"N 1°49'34.3"W	Φ
ANGKOR WAT	13°24'45"N 103°52'0"E	Σ
CHICHEN ITZA	20°40'59"N 88°34'7"W	Ω
MOHENJO-DARO	27°19'45"N 68°08'20"E	Θ

EXHIBITED WORKS

A	Spiritual Molecule Syndrome - Interstellar series – 150 x 150 + 10 cm – 2019	□
B	Radio Active 2 – D30 x 6 cm – 2018	○
C	Conscious Dreamtime – 80 x 80 + 5 cm – 2019	□
D	Empirical Evidence - Interstellar series – 130 x 180 + 10 cm – 2019	□
E	Pleasure of Metanoia – 100 x 100 + 10 cm – 2018	□
F	Altered States of Awareness – 100 x 100 + 10 cm – 2018	□
G	Maestro Stendhal Syndrome – 230 x 150 + 10 cm – 2018	□
H	Grey Area - Triangle Installation – 273 x 120 + 6 cm – 2019	△
I	Nuclear – D30 x 6 cm – 2018	○
J	Entheogenesis - Awakening Awareness Within – 208 x 180 + 12 cm – 2019	□
K	Gene&Ethics - Cosmic Star Gate – 230 x 150 + 10 cm – 2019	□
L	Magic Interstellar - Noble Messenger – 170 x 170 + 10 cm – 2018	□
M	Altered States of Consciousness – 100 x 100 + 10 cm – 2018	□
N	Tryptamine - Mother Changa (detail) – 90 x 90 + 5 cm – 2019	⬡
O	Hypnagogia - Soul Traveller – 70 x 70 + 5 cm – 2019	□
P	DreamCatcher - Interstellar series – 80 x 80 + 5 cm – 2019	□
Q	Riding Awareness - Magical Powers – 300 x 260 + 20 cm – 2019	□
R	Kymatica – 100 x 100 + 10 cm – 2018	□
S	Tryptamine - Mother Changa – 90 x 90 + 5 cm – 2019	⊗
T	Forces of Interstellar Magic – 130 x 130 + 10 cm – 2018	□
U	Gene&Ethics - Star Gates – 230 x 150 + 10 cm – 2019	□
V	Radio Active 1 – D30 x 6 cm – 2018	○
W	Noble Space Commander – 100 x 100 + 10 cm – 2018	□
X	Magic Interstellar - Messenger – 170 x 170 + 10 cm – 2018	□
Y	Empirical Gate - Interstellar series – 130 x 180 + 10 cm – 2019	□
Z	Blade Runner - Interstellar series – 100 x 100 + 10 cm – 2019	□

Mohenjo-daro is an archaeological site in Pakistan. Built around 2500 BCE, it was one of the largest settlements of the ancient Indus Valley civilisation, and one of the world's earliest major cities. Based on recent discoveries, there is reason to think the Indus Valley civilization may be at least 8,000 years old. This would also mean that the Indus Valley civilization pre-dates pharaonic Egypt and Mesopotamia, which are often mentioned as the cradle of human civilization and the least known early civilizations of the Old World.

One of the major mysteries surrounding this complex are the seals found in them. It is in line of these that we find a writing unlike any other in the ancient world, but which can be found thousands of miles away on Easter Island and it's indecipherable Rongorongo writing. However, this presents a certain problem, namely that Mohenjo Daro and its Indus Valley civilization literally vanished from the archaeological scene around 1000 - 1200 years BC. This means that at the moment when Easter Island was inhabited, Mohenjo Daro's unique system of writing, its religion, etc., lived only in human memory. It had been gone for over two millennia.

Similarly puzzling is another seal, once again a representation of the four constellations corresponding to the four cardinal points of vernal equinox summer solstice, autumnal equinox and the winter solstice at the epoch of 3000 BC. On a third seal a remarkable configuration of the sun, the moon and five planets is depicted, pointing at the date of 7th February, 3104 BCJ, which incidentally corresponds to the so called beginning of the astronomical Kali Yuga. This chain of traces, astronomical corrections and identical writings found thousands of miles apart begs the question: who were these people and why and how did they disappear?

"There is geometry in the humming
of the strings, there is music in the spacing of the spheres."
Pythagoras

The book you're holding in your hands is a typographic experience: a concrescence of ancient ideas with modern paintings; of the concepts of energy and vibrations with solid and sacred sites all around the world; and, above all, of our eternal connection to the stars. Conceived as corollary to the new solo show GREY AREA at JD Malat Gallery in London, this is Katrin Fridriks' tribute to the everlasting genius of Nikola Tesla and his dream of free energy for all.

GREY AREA
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With a selection of quotes from Bruce Chatwin,
Albert Einstein, Johannes Kepler, Friedrich Nietzsche,
Pythagoras and Nikola Tesla.

700

